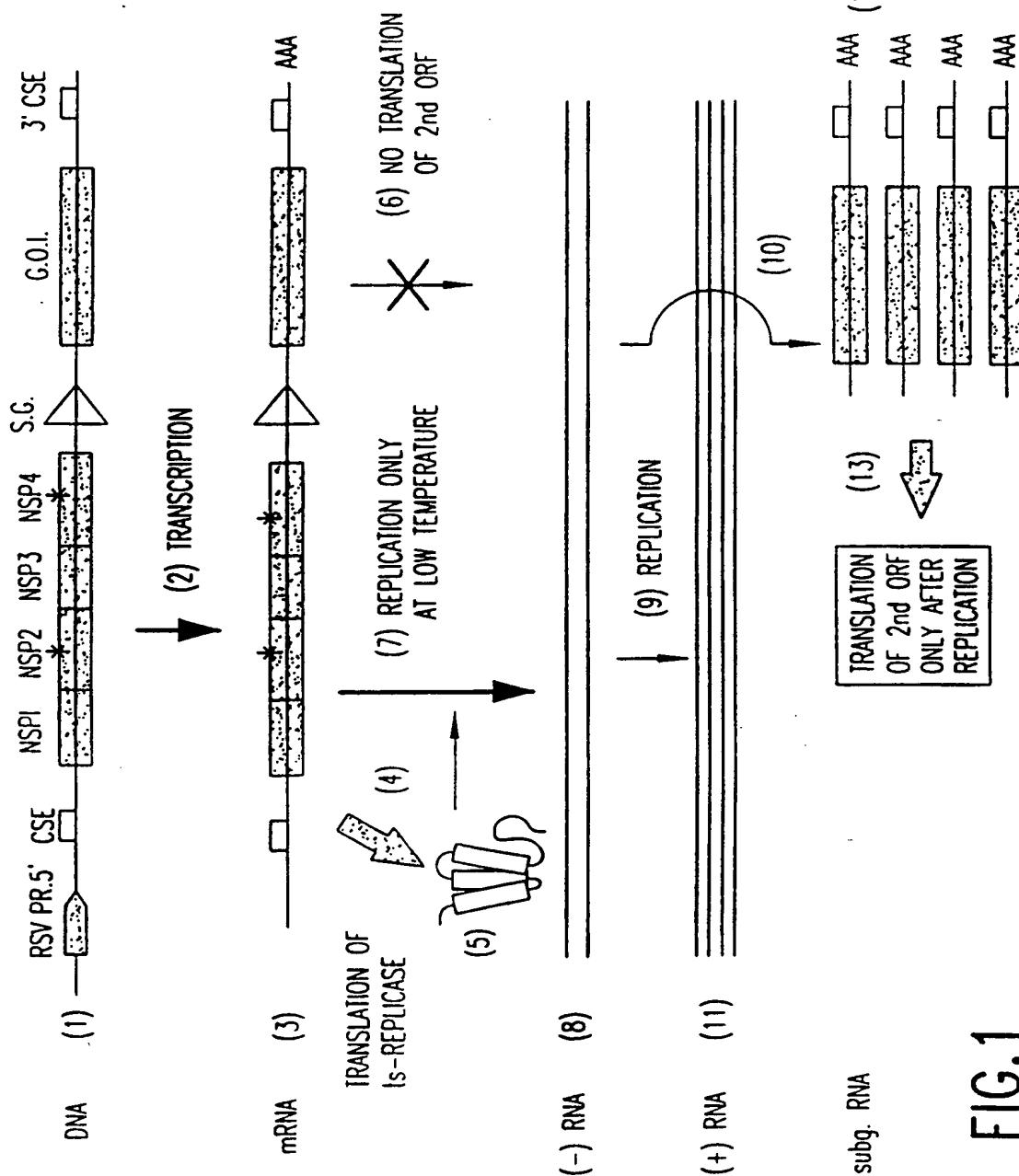
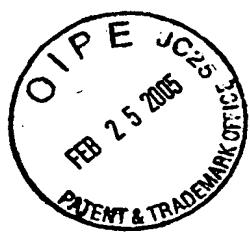




Replacement Sheet  
Sheet 1 of 17  
Appl. No. 09/275,883; Filed: Mar 25, 1999  
Dkt No. 1700.0020001/JAG/FRC; Group Unit: 1635  
Inventors: Renner et al.  
Tel. No.: 202-371-2600  
For: Inducible Alphaviral Gene Expression System



**FIG. 1**



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Appl. No. 09/275,883; Filed: Mar 25, 1999  
Dkt No. 1700.0020001/JAG/FRC; Group Unit: 1635  
Inventors: Renner et al.  
Tel. No.: 202-371-2600  
For: Inducible Alphaviral Gene Expression System

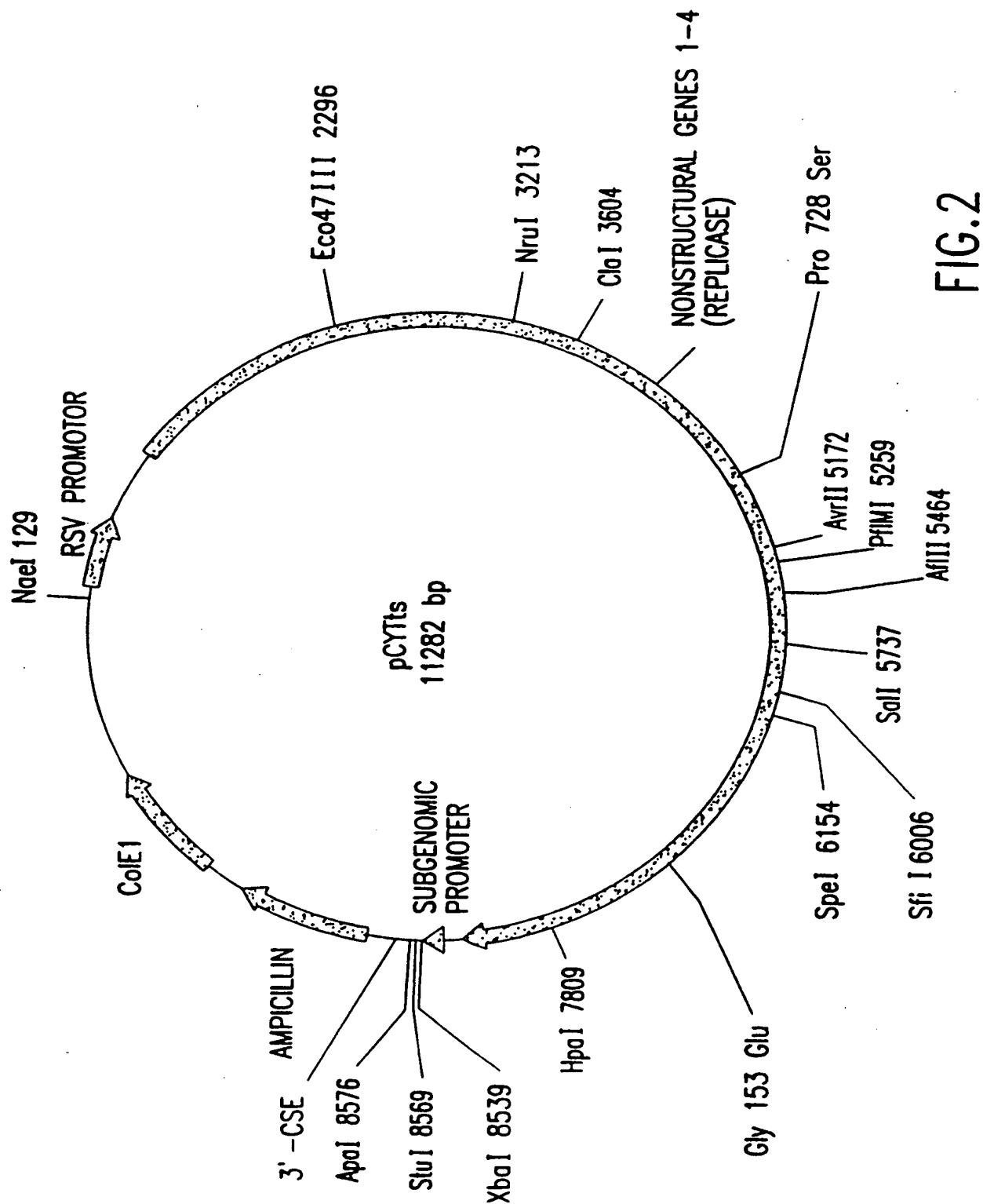


FIG. 2



## Replacement Sheet

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Appl. No. 09/275,883; Filed: Mar 25, 1999

Dkt No. 1700.0020001/JAG/FRC; Group Unit: 1635

Inventors: Renner et al.

Tel. No.: 202-371-2600

For: Inducible Alphaviral Gene Expression System

CTGACGCCCTGTAGCGCGCATTAAAGCGCGGGTGTGGTGGTACCGCAGCGTACCGCTACACTGCCAGCGCC  
CTAGCGCCCGCTCCTTCGCTTCTCCCTCCTTCGCCCCAGCTCGCCGGCTTCCCGTCAAGCTCAAATCGGGG  
GCTCCCTTAGGGTCCGATTTAGTGCTTACGGCACCTCGACCCCCAAAAAACTGATTAGGGTATGGTACCGTAGTG  
GGCCATGCCCTGATAGACGGTTTCGCCCTTGACGTTGGAGTCCACGTTAAATAGTGGACTCTTGTCCAAACT  
GGAACAACACTCAACCTATCTGGTCTATTCTTGTATTATAAGGGATTTGCCGATTCGCCATTAGGCTGCG  
TGAGCTGATTAACAAAATTAAACGGAATTAAACAAATATAACGCTTACAATTCCATTGCCATTAGGCTGCG  
CAACTGTTGGGAAGGGCGATGGTGCAGGGCTCTCGCTATTACGCCAGCTGGCAAGGGGATGTGCTGCAAGGCGAT  
TAAGTTGGTAACGCCAGGGTTCCAGTCACGACGTTGAAACGACGCCAGTGAgcgcgaattaaccctactaa  
agggAACaaaagcttgctagtggatccAGTCTTATGCAATACTCTTAGTCTGCAACATGGTAACGATGAGTTAGCAA  
CATGCCCTACAAGGAGAGAAAAGCACCCTGCACTGGGAGAACCCTGAAATTCCGATTGCAAGAGATATTGTATTAAAGTGCCCTACCTc  
gataccgTCGAGATTGACGGCGTAGTACACACTATTGAATCAAACAGCCGACCAATTGCACTACCATCACAAATGGAGAAG  
CCAGTAGTAAACGTAGACGTAGACCCCCAGAGTCCGTTGCGCAACTGCAAAAAGCTCCGCAATTGAGGTAGT  
AGCACAGCAGGTCACTCAAATGACCATGCTAATGCCAGAGCATTTGCACTGGCCAGTAAACATCGAGCTGGAGG  
TTCCTACCACAGCAGCATCTGGACATAGGCAGCGACCCGCTCGTAGAATGTTTCCGAGCACCAGTATCTGTGTC  
TGCCCCATGCGTAGTCCAGAAGACCCGGACCGCATGATGAAATACGCCAGTAAACTGGCGAAAAGCGTGCAGATTAC  
AAACAAGAACTGCAATGAGAAGATTAAAGGATCTCCGGACCGTACTTGATACGCCGGATGCTGAAACACCATCGCTCTGCT  
TTCACAACGATGTTACCTGCAACATGCGTCCGAATTCCGTCATGCAGGACGTGATATCAACGCTCCGGAACTATC  
TATCATCAGGCTATGAAAGGCGTGCACCGCTGTACTGGATTGGCTTCGACACCACCCAGTTATGTTCTCGGCTATGGC  
AGGTTCGTACCCCTGCGTACAACACCAACTGGCCGACGAGAAAGTCCTGAAAGCGCGTAACATCGGACTTGCAGCACAA  
AGCTGAGTGAAGGTAGGACAGGAAAATTGCGATAATGAGGAAGAAGGAGTTGAAGCCTGGGTCGCGGGTTTATTC  
GTAGGATCGACACTTATCCAGAACACAGAGCCAGCTTGCAGAGCTGGCATCTCCATGGTTCCACTTGAATGGAAA  
GCAGTCGTACACTGCCGTGTGATACAGTGGTAGGCTACGTAGTGAAGAAAATCACCACAGTCCGGGA  
TCACGGGAGAACCGTGGGATACGCCGTTACACACAATAGCGAGGGCTTCTGCTATGCAAAGTTACTGACACAGTAAA  
GGAGAACGGGTATGTTCCCTGTCGACGTACATCCCGGCCACCATATGCGATCAGATGACTGGTATAATGGCACCGA  
TATATCACCTGACGATGCACAAAATTCTGGTGGGCTAACCGAGCAATTGCTTGAACGGTAGGACTAACAGGAACA  
CCAACACCATGCAAATTACCTCTGCCGATCATAGCACAAGGGTCAGCAAATGGCTAAGGAGCGCAAGGATGATCTT  
GATAACGAGAAAATTGCTGGGTACTAGAGAACGCAAGCTACGTATGGCTGGCTGGGCTTGCACAAAGAAAGTACA  
TTCGTTTATGCCACCTGGAACCGCAGACCTGCGTAAAGTCCCAGCCTTTAGCGCTTTCCATGCGTCCGTAT  
GGACGACCTCTTGGCCATGCGTAGGGCAGAAAATTGAAACTGGCATTGCAACCAAAGAAGGAGGAAAATTGCTGCG  
GTCTCGGAGGAATTAGTCATGGAGGCCAAGGCTGCTTTGAGGATGCTCAGGAGGAAGCCAGAGCGGAGAAGCTCGAGA  
AGCACTCCACCATAGTGGCAGACAAAGGCATCGAGGCAGCCGAGAAGTTGTCTGCGAAGTGGAGGGCTCCAGGCG  
ACATCGGAGCAGCATTAGTGAACCCCGCGCGGTACGTAAGGATAATACCTCAAGCAAATGACGTATGATGGACAG  
TATATCGTTGCTCGCCAAACTCTGTGCTGAAGAATGCCAAACTCGCACAGCGCACCCGCTAGCAGATCAGGTTAAGAT  
CATAACACACTCCGAAGATCAGGAAGGTACGCCGTCAACCATACGACGCTAAAGTACTGATGCCAGCAGGAGGTGCG  
TACCATGCCAGAATTCTAGCACTGAGTGAAGAGGCCACGTTAGTGTACAACGAAAGAGAGTTGTGAACCGCAAAC  
TACCAATTGCCATGCACTGGCCCCGCCAAGAACATACAGAACAGGAGCAGTACAAGGTTACAAAGGCAGAGCTGCA  
AGAGTACGTGTTGACGTGGACAAGAAGCGTTAGAAGAAGAAGCCTCAGGTCTGGCCTCTCGGGAGAACTGA  
CCAACCCCTCCATCATGAGCTAGCTGGAGGGACTGAAGACCCGACCTGCCGTTCCGTACAAGGTCGAAACAATAGGA  
GTGATAGGCACACCGGGGTCGGCAAGTCAGCTATTATCAAGTCAGCTACGGCACGAGATCTGTTACCGCGAAA  
GAAAGAAAATTGTCGCAAGAACATTGAGGCCACGTCTAGACTGAGGGTATGCAAGTACGTTAGGAGACAGTACGATT  
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GCCTTGATTGCTATGTCAGGCCCGCAAGAACAGTAGTACTATGCGGAGACCCATGCAATGCGGATTCTCAACATGAT  
GCAACTAAAGGTACATTCAATCACCTGAAAAAGACATATGCAACAGACATTCTACAAGTATCTCCGGCTTGCA

**FIG.3A**



## Replacement Sheet

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Appl. No. 09/275,883; Filed: Mar 25, 1999

Dkt No. 1700.0020001/JAG/FRC; Group Unit: 1635

Inventors: Renner et al.

Tel. No.: 202-371-2600

For: Inducible Alphaviral Gene Expression System

CACAGCCAGTTACAGCTATTGTATCGACACTGCATTACGATGGAAAGATGAAAACCACGAACCCGTGCAAGAAGAACATT  
GAAATCGATATTACAGGGGCCACAAAGCCGAAGCCAGGGGATATCATCCTGACATGTTCCGCGGGTGGGTTAACATT  
GCAAATCGACTATCCGGACATGAAGTAATGACAGCCGCGCCTCACAGGGCTAACAGAAAAGGAGTGTATGCCGTC  
GGAAAAAGTCAATGAAAACCCACTGTACCGCATCACATCAGAGCATGTGAACGTGTTGCTACCCGCACTGAGGACAGG  
CTAGTGTGAAAACCTTGAGGGGCACCCATGGATTAAGCAGCCCACTAACATAACCTAAAGGAAACTTCAAGGCTACTAT  
AGAGGACTGGGAAGCTGAACACAAGGGATAATTGCTGCAATAAACAGCCCCACTCCCCGTGCCAATCCGTTAGCTGCA  
AGACCAACGTTGCTGGCGAACAGCATTGGAACCGATAGCCACGGCCGTATCGTACTTACCGGTTGCCAGTGGAGC  
GAACGTGTTCCACAGTTGCGGATGACAACACCACATTGGCCATTACGCCCTAGACGTAATTGCTTAAAGTTTCCG  
CATGGACTTGACAAGCGGACTGTTCTAAACAGAGCATCCCACTAACGTACCATCCCCGCAATTAGCGAGGCGGTAG  
CTCATTGGACAACAGCCCAGGAACCCGCAAGTATGGGTACGATCACGCCATTGCCGCCACTCTCCGTAGATTCCG  
GTGTTCCAGCTAGCTGGGAAGGGCACACAACCTTGATTGCTAGACGGGGAGAACAGAGTATCTCTGCACAGCATAACCT  
GGTCCCGGTGAACCGCAATCTCCTCACGCCCTAGCCCCGAGTACAAGGAGAACGAAACCCGGCCGGTCAAAAAATTCT  
TGAACCAAGTCAACACCACTCAGTACTTGTTGATCAGAGGAAAAATTGAAGCTCCCCGTAAGAGAACGATGGAC  
GCCCGATTGGCATAGCCGGTGCAGATAAGAACTACAAACCTGGCTTCCGGGTTCCGCCGCAGGCACGGTACGACCTGGT  
GTTCATCAACATTGAACTAAATACAGAAACACCACCTTCAGCAGTGCAGAACGACATGCCGCCACCTTAAACCCCTT  
CGCGTTGCCCTgaatttgTTtAaacTcaggaggcacccCTGTGGTGAAGTCTATGGCTACGCCGACCGAACAGTGA  
GACGTAGTCACCGCTTGCCAGAAAGTTGTCAGGGTGTCTGCAGCAGAACGAGATTGTGTCTCAAGAACAGAAAT  
GTACCTGATTTCGACAACAGAACAGCCGTACACGGCAATTACCCCGACCATCTGAATTGCGTGAATTGTC  
TGTATGAGGGTACAAGAGATGGAGTTGGAGCCGCGCCGTACACCGCACCAAAAGGGAGAACGAGTATGGAG  
GAAGCAGTTGTCACCGAGCCAATCCGCTGGTAGACCAGGCAGAGGAGTCTGCCGTCCATCTATAAACGTTGGCGAC  
CAGTTTACCGATTGCCACGGAGACAGGCACCGCAAGAACGACTGTGTGCCCTAGGAAAGAAAGTGTCCACGGTAC  
GCCCTGATTCCGGAACGCCAGCCAGAACGAGCAGCCTGAAATTGCTACAAAACGCCCTACCATGCAAGTGGCAGACT  
AATGAACATAACATCAAGTCTGCCATTCCACTGCTATCTACAGGCATTACGCAGCCGGAAAAGACCGCCCTGAAGT  
ATCACTTAACCTGCTTGACAACCCGCTAGACAGAACGACGGGACGTAACCCTATTGCCCTGGATAAGAAGTGGAGG  
AAAGAACGACGGGACTCCAACCTTAAGGAGTCTGTAACAGAGCTGAAGGATGAAGATATGGAGATCGACGATGAGTT  
GTATGGATTATCCAGACAGTTGCTTGAGGGAGAACGGATTCACTACAAAAGGAAATTGTATTGCTACTTCGA  
AGGCACCAAATTCCATCAAGCAGCAAAAGACATGGCGAGATAAGGTCTTCCCTAATGACCAAGGAAAGTAATGAAC  
AACTGTGTGCCCTACATATTGGGTGAGACCATGGAAGCAATCCGCAAAGTGGCCGGTCAACGCTAGAAGCAATAACGTCAA  
CCGCCAAAACGTTGCCGTGCCATTGCTATGCCATGACGCCAGAAAGGGTCCACAGACTAGAACGCAATAACG  
AGAACAGTTACAGTATGCTCCTCCACCCCCCTCTAACGACAAAATTAGAACGTTAGAAGGTTAGTGCACGAAAGTAG  
TCCCTGTTAATCCGACACTCCGCATTGCTCCGCCGTAAAGTACATAGAACGCTACCGCTACCCTCGCTCG  
GCACAGGCCAGGGAGGCCCGAAGTTGAGCGACACCGTCACCATCTACAGCTGATAAACACCTCGCTGATGTCACAGA  
CATCTCACTGGATATGGATGACAGTAGCGAAGGCTACTTTTGAGCTTAGCGGATCGGACAACACTTATTACTAGTA  
TGGACAGTTGGTCGTAGGACCTAGTTACTAGAGATAGTACAGCGAAGGAGGTGGTGGCTGACGTTATGCCG  
CAAGAGCCTGCCCTATTCCACCGCAAGGCTAAAGAACGATGGCCCGCTGGCAGCGGCAAGAAAAGAGCCCAC  
GGCAAGCAATAGCTCTGAGTCCCTCACCTCTTTGGTGGGTATCCATGCTCCCTGGATCAATTTCGACGGAGAGA  
GGGCCGCCAGGCAGCGTACAACCCCTGGCAACAGGCCACGGATGTGCCCTATGTTGGATCATTGAAACGGCGAAGTGA  
GAGATTGATGAGCTGAGCCGAGAGTAACGAGTACAGTCCGAACCCGCTCTGGTGGGTTGACGTTCTGAG  
AATTATATCGTCCGATCAGCCGTATCTTCACTACGCAGAACGAGACGAGTAGACGCAAGGAGCAGGAGGAGACT  
GACTAACCGGGTAGGTGGTACATATTTCGACGGACACAGGCCCTGGGACTTGCAAAAGAACGTTCTGAGAAC  
CAGCTTACAGAACCGACCTGGAGCGCAATGCTCTGGAAAGAACGTTCTGAGAACGAGTACGTCGAAAGAGGAACA  
ACTCAAACCTAGGTACCAAGATGATGCCACCGAAGCCAACAAAGTAGGTACCAAGTCTGTAAGTAGAAAATCAGAAAG  
CCATAACCACTGAGCGACTACTGTCAGGACTACGACTGTATAACTCTGCCACAGATCAGCCAGAACGCTATAAGATCACC  
TATCCGAAACCATTGTACTCCAGTAGCGTACCGCGCAACTACTCCGATCCACAGTTGCTGTAGCTGTAAACA  
ACT

FIG. 3B



Replacement Sheet  
Sheet 5 of 17  
Appl. No. 09/275,883; Filed: Mar 25, 1999  
Dkt No. 1700.0020001/JAG/FRC; Group Unit: 1635  
Inventors: Renner et al.  
Tel. No.: 202-371-2600  
For: Inducible Alphaviral Gene Expression System

TCTGCATGAGAACTATCCGACAGTAGCATCTTATCAGATTACTGACGAGTAGATGCTACTGGATATGGTAGACGaGA  
CAGTCGCaTGCCTGGATACTGCAACCTTCTGCCCGCTAAGCTTAGAAGTTACCCGAAAAAACATGAGTATAGAGCCCCG  
AATATCCGCAGTGCCTTCCATCAGCGATGCAGAACACCGCTACAAATGTGCTATTGCCGCAACTAAAAGAAATTGCAA  
CGTCACGCAGATGCGTAACACTGGACTCAGCGACATTCAATGCGAATGCTTCGAAAATATGCATGTAATG  
ACGAGTATTGGGAGGAGTTGCTCGGAAGCCAATTAGGATTACCACTGAGTTGTCACCGCATATGTAGCTAGACTGAAA  
GGCCCTAAGGCCGCCACTATTGCAAAGACGTATAATTGGTCCCATTGCAAGAAGTGCCTATGGATAGATTGTCAT  
GGACATAAAAGAGACGTGAAAGTTACACCAGGCACGAAACACAGAAGAAAGACCGAAAGTACAAGTGATACAAGCCG  
CAGAACCCCTGGCGACTGCTTACCTATGCGGGATTCAACGGGAAATTAGTGCCTAGGCTTACGCCGCTTGCTTCCAAAC  
ATTCACACGCTTTGACATGTCGGCGAGGATTGATGCAATCATAGCAGAACACTCAAGCAAGGCACCCGGTACT  
GGAGACGGATATGCAATTGACAAAGCCAAGACGACGCTATGGCTTAACCGGCTGATGATCTGGAGGACCTGG  
GTGTGGATCAACCACACTCGACTTGATGAGTGCCTTGGAGAAATATCATCCACCCATCTACCTACGGGTACTCGT  
TTAAATTGGGGCGATGATGAAATCCGGATGTTCTCACACTTTGTCACACAGTTGAATGCTTATGCCAG  
CAGAGTACTAGAAGAGCGGCTTAAACGTCAGATGTCAGCGTTATTGGCAGACAAACATCATACATGGAGTAGTAT  
CTGACAAAGAAATGGCTGAGAGGTGCGCACCTGGCTAACATGGAGGTTAAGATCATGACGCACTGATCGGTGAGAGA  
CCACCTTACCTCTGGCGGATTATCTGCAAGATTGGTTACTCCACAGCGTCCGCTGGGGATCCCTGAAAAG  
GCTGTTAAGTTGGTAAACCGCTCCAGCCAGCAGCAAGACGAAGACAGAAGACGCGCTGCTAGATGAAACAA  
AGGCGTGGTTAGAGTAGGTATAACAGGCACTTACGAGTGGCGTGACGACCCGGTATGAGGTAGACAATTACACCT  
GTCCTACTGGCATTGAGAACTTTGCCAGAGCAAAGAGCATTCAAGCCATCAGAGGGAAATAAGCATCTACGG  
TGGTCTAAATAGTCAGCATAGTACATTCTGACTAATACCAACACCACCCtctagaCGCTAGAtctcacgt  
gagcatgcaggcattgggCCCAATGATCCGACAGCAGGAAACTCGATGTTCCGAGGAACGTGATGTCATAATGCA  
GGCTGGTACATTAGATCCCCGCTTACCGCGGGCAATAGCAACACTAAACCTGATGTTCCGAGGAAGCGCAGTG  
CATATGCTGCGCAGTGTGCTTACCAACTATATTACCAATTAGCTAGCGGACGCCAAACTCAATGTTCTG  
AGGAAGCGTGGTGCTAATGCCACGCAGCGTCTGCATAACTTTATTATTCTTATTAAATCAACAAATTGTT  
AACATTCAAAAAAAAAAAAAAAAAAAAAAGGGAAATTCCAACTTGTATTGCAGCTTATAATG  
GTTACAAATAAGCAATAGCATACAAATTCAAAATAAGCATTTTCACTGCTATTCTAGTTGTTGTCCAA  
CTCATCAATGTATCTTATCATGTCGGATCCGTCAGACGCGTccaaattcgccctatagttagtcgtattacgcgcgcTT  
GGCGTAATCATGGTCAGCTGTTCTGTGTAATTGTTATCCGCTCACATTCCACACAACATACGAGCCGGAAAGCA  
TAAAGTGTAAAGCCTGGGTGCTTAATGAGTGAAGCTAACACTCACATTAGCTGCGCTACTGCCGCTTCCAGTC  
GGAAACCTGTCGTGCGAGCTGCTTAATGAATCGGCCAACCGCGGGGAGAGGGCGTTGCGTATTGGCGCTTCC  
TTCTCGCTCACTGACTCGCTGCCCTGGTCGTTCGCTGCCGAGCGGTATCAGCTCACTCAAAGCGGTAATACGGT  
TATCCACAGAATCAGGGATAACCGCAGGAAAGAACATGTGAGCAAAGGCCAGCAAAGGCCAGGAACCGTAAAAGGC  
GCGTTGCTGGCGTTTCCATAGGCTCCGCCCCCTGACGAGCATCACAAAATGACGCTCAAGTCAGAGGTGGCGAAA  
CCCGACAGGACTATAAGATACCAGCGTTCCCCCTGGAAGCTCCCTCGCTCGCTCCGACCCCTGCCGCTTA  
CCGGACACCTGTCGCCCTTCTCCCTGGAAAGCGTGGCGCTTCTCAATGCTACGCTGTAGGTATCTCAGTC  
TAGGTGCTCGCTCCAGCTGGCTGTGTCACGAAACCCCCGTTGACGCCCCGACCGCTGCGCTTATCCGGTAAC  
TCTTGAGTCCAACCCGGTAAGACACGACTTACGCCACTGGCAGCAGCCACTGGTAACAGGATTAGCAGAGCGAGGTATG  
TAGCGGTGCTACAGAGTTGTAAGTGGCTAACTACGGCTACACTAGAAGGACAGTATTGGTATCTGCGCTCG  
CTGAAGCCAGTTACCTTGGAAAAAGAGTTGGTAGCTTGTGATCCGCAACAAACACCACCGCTGGTAGCGGTGGTT  
TGTTGCAAGCAGCAGATTACGCCAGAAAAAGGATCTAAGAAGATCCTTGTGATCTTCTACGGGTCTGACGCTC  
AGTGGAACGAAACTCACGTTAAGGATTGGTCAAGGATCTAAGAAGATCCTTGTGACAGTTACCAATGCTTAATCAGTGAGGCACC  
TATCTCAGCGATCTGCTATTGCTTACCATAGTGCCTGACTCCCCGCTGTAGATAACTACGATACGGGAGGGCT  
TACCATCTGGCCCCAGTGTGCAATGATACCGCAGACCCACGCTCACCGGCTCCAGATTATCAGCAATAAACCGACCA  
GCCGGAAAGGGCCGAGCGCAGAAGTGGCTGCAACTTATCCGCTCCATCCAGTCTATTAAATTGTTGCCGGAAAGCTAG

FIG.3C



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Dkt No. 1700.0020001/JAG/FRC; Group Unit: 1635  
Inventors: Renner et al.  
Tel. No.: 202-371-2600  
For: Inducible Alphaviral Gene Expression System

AGTAAGTAGTTGCCAGTTAACAGTTGCGCAACGTTGCCATTGCTACAGGCATCGTGGTGTACCGCTCGTCGTTG  
GTATGGCTTCATTCAAGCTCCGGTCCAAACGATCAAGGCAGTTACATGATCCCCATGTTGTGCAAAAAAGCGGTTAGC  
TCCTTCGGTCCCTCCGATCGTTGTCAGAAGTAAGTTGCCCGACTGTTACATGATGGTTATGGCAGCACTGCATAATT  
TCTTACTGTCATGCCATCCGTAAGATGCTTCTGTGACTGGTGAGTACTCAACCAAGTCATTCTGAGAATAGTGTATGC  
GGCGACCGAGTTGCTCTTGCCCCGGCGTCAATACGGGATAATACCGCGCCACATAGCAGAACCTTAAAAGTGCTCATCATT  
GGAAAAACGTTCTTCGGGGCGAAAACCTCTAAGGATCTTACCGCTGTTGAGATCCAGTTGATGTAACCCACTCGTCGACC  
CAAATGATCTTCAGCATCTTACTTTCAACCAGCGTTCTGGGTGAGCAAAAACAGGAAGGCAAAATGCCGAAAAAGG  
GAATAAGGGCGACACGGAAATGTTGAATACTCATACTCTTCCTTTCAATATTATTGAAGCATTATCAGGGTTATTGT  
CTCATGAGCGGATACATATTGAATGTATTTAGAAAAATAACAAATAGGGTTCCGCGCACATTCCCCGAAAAGTGCC  
AC

## FIG.3D



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Sheet 7 of 17  
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Dkt No. 1700.0020001/JAG/FRC; Group Unit: 1635  
Inventors: Renner et al.  
Tel. No.: 202-371-2600  
For: Inducible Alphaviral Gene Expression System

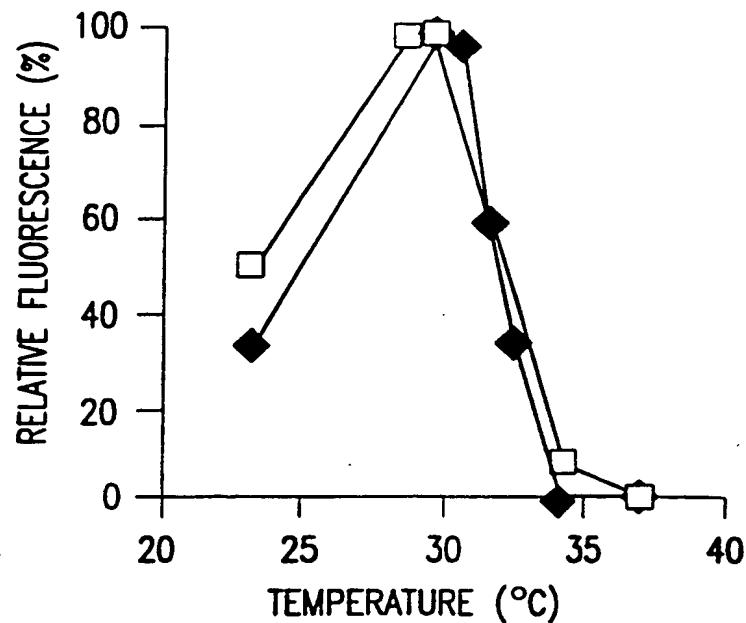


FIG.4A

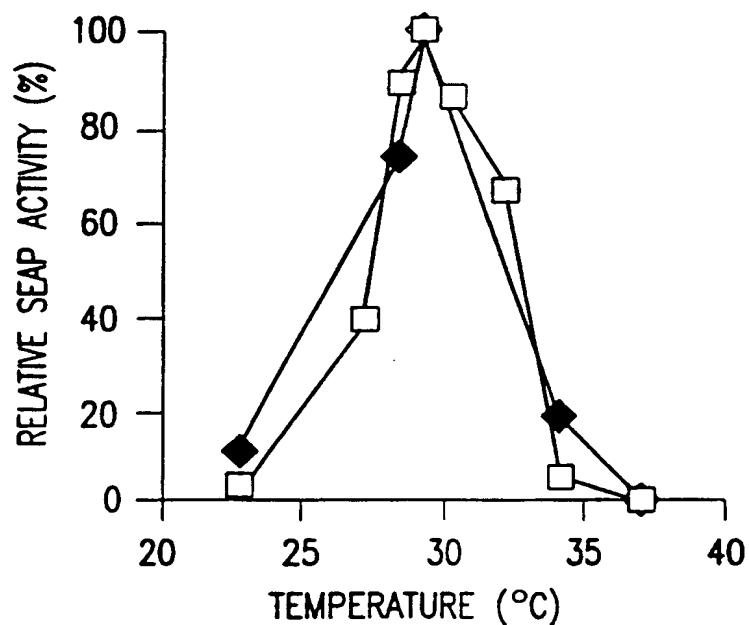


FIG.4B



Replacement Sheet  
Sheet 8 of 17  
Appl. No. 09/275,883; Filed: Mar 25, 1999  
Dkt No. 1700.0020001/JAG/FRC; Group Unit: 1635  
Inventors: Renner et al.  
Tel. No.: 202-371-2600  
For: Inducible Alphaviral Gene Expression System

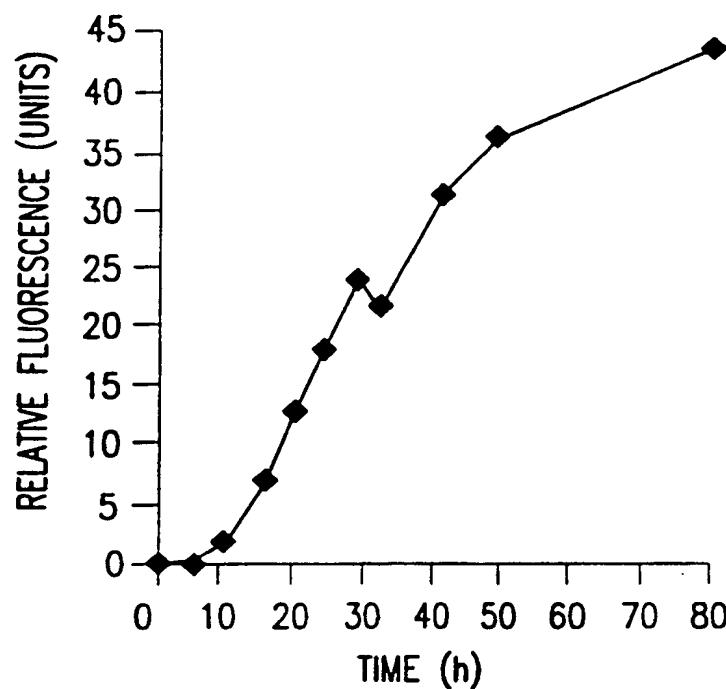


FIG.5A

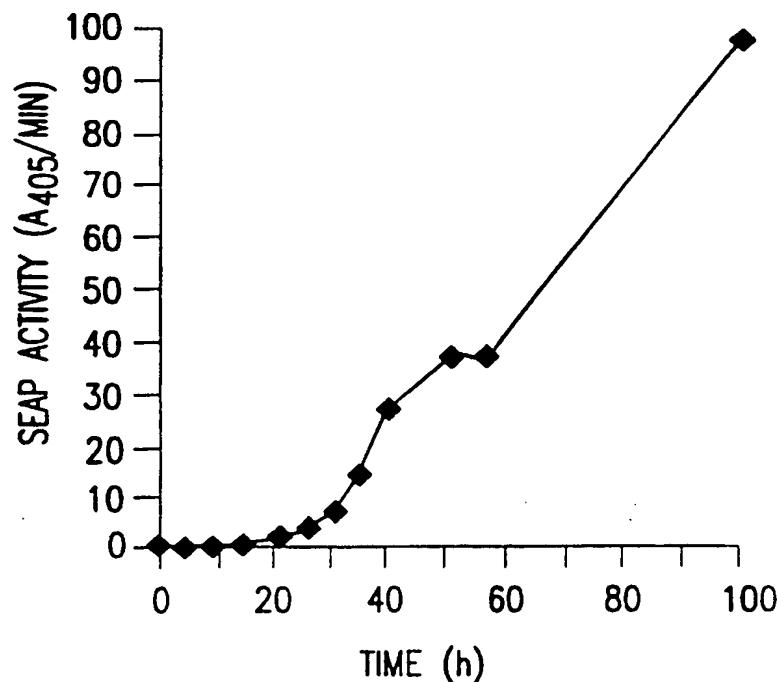


FIG.5B



Replacement Sheet  
Sheet 9 of 17  
Appl. No. 09/275,883; Filed: Mar 25, 1999  
Dkt No. 1700.0020001/JAG/FRC; Group Unit: 1635  
Inventors: Renner et al.  
Tel. No.: 202-371-2600  
For: Inducible Alphaviral Gene Expression System

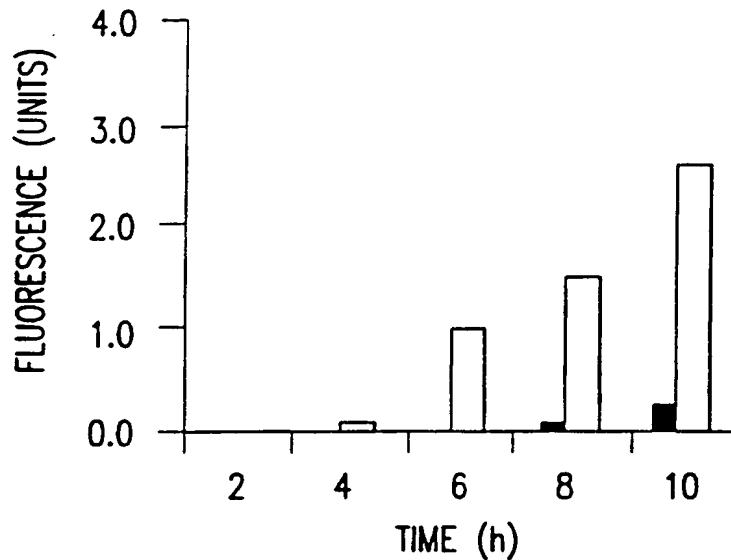


FIG.6A

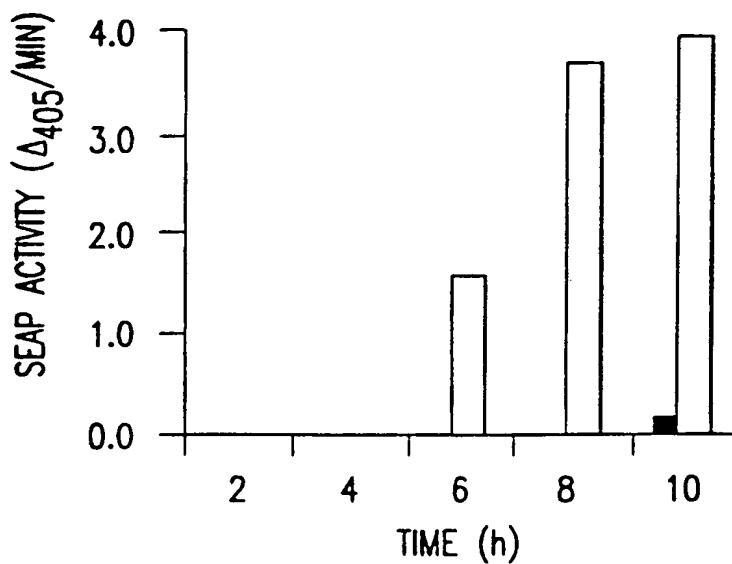
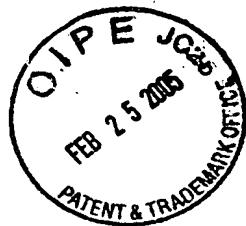


FIG.6B



Replacement Sheet  
Sheet 10 of 17  
Appl. No. 09/275,883; Filed: Mar 25, 1999  
Dkt No. 1700.0020001/JAG/FRC; Group Unit: 1635  
Inventors: Renner et al.  
Tel. No.: 202-371-2600  
For: Inducible Alphaviral Gene Expression System

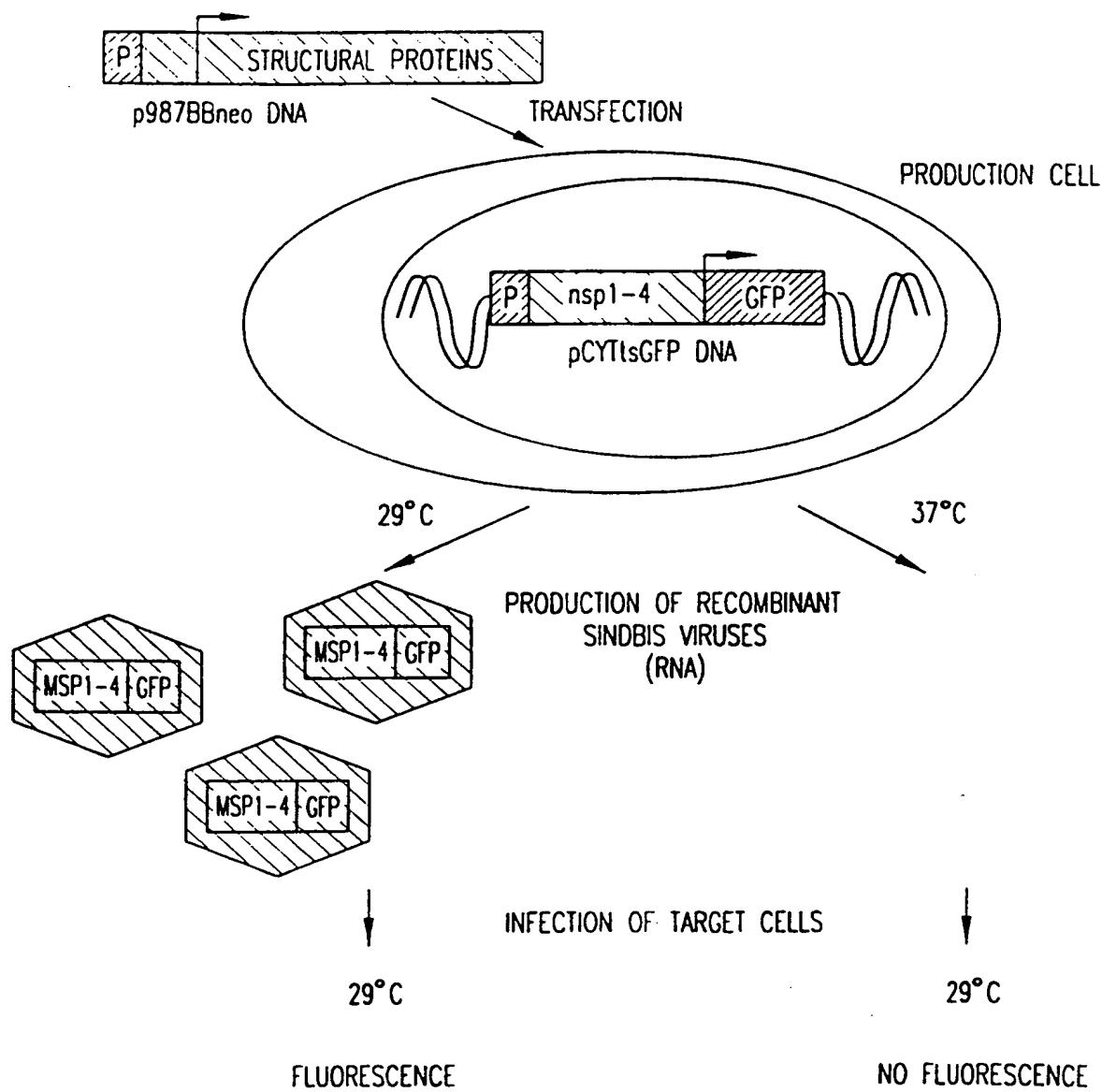


FIG.7A



Replacement Sheet  
Sheet 11 of 17  
Appl. No. 09/275,883; Filed: Mar 25, 1999  
Dkt No. 1700.0020001/JAG/FRC; Group Unit: 1635  
Inventors: Renner et al.  
Tel. No.: 202-371-2600  
For: Inducible Alphaviral Gene Expression System

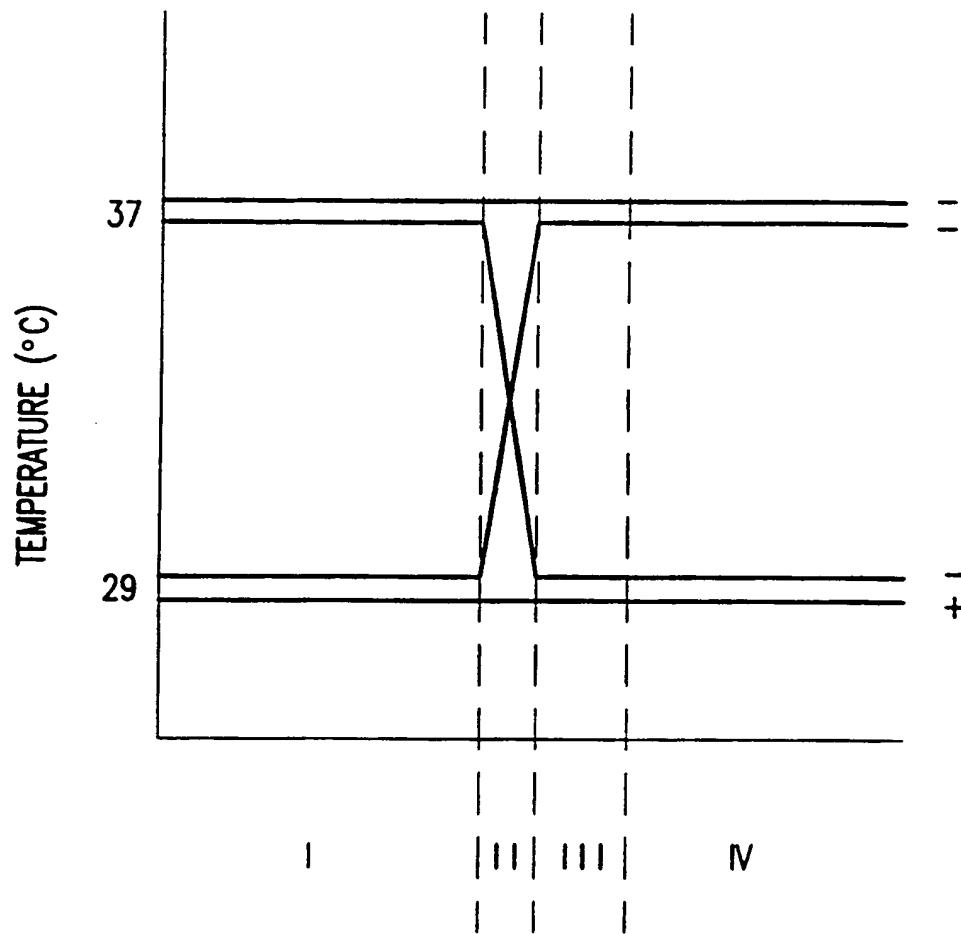


FIG.7B



Replacement Sheet  
Sheet 12 of 17  
Appl. No. 09/275,883; Filed: Mar 25, 1999  
Dkt No. 1700.0020001/JAG/FRC; Group Unit: 1635  
Inventors: Renner et al.  
Tel. No.: 202-371-2600  
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1 2 3 4 5 6 7 8



**FIG.8A**

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Inventors: Renner et al.  
Tel. No.: 202-371-2600  
For: Inducible Alphaviral Gene Expression System

1 2 3 4 5

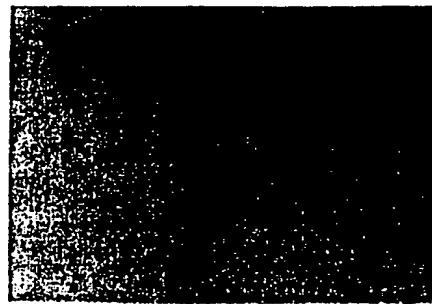


FIG.8B

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Tel. No.: 202-371-2600  
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1 2 3 4



**FIG.9**

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Replacement Sheet  
Sheet 15 of 17  
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Inventors: Renner et al.  
Tel. No.: 202-371-2600  
For: Inducible Alphaviral Gene Expression System

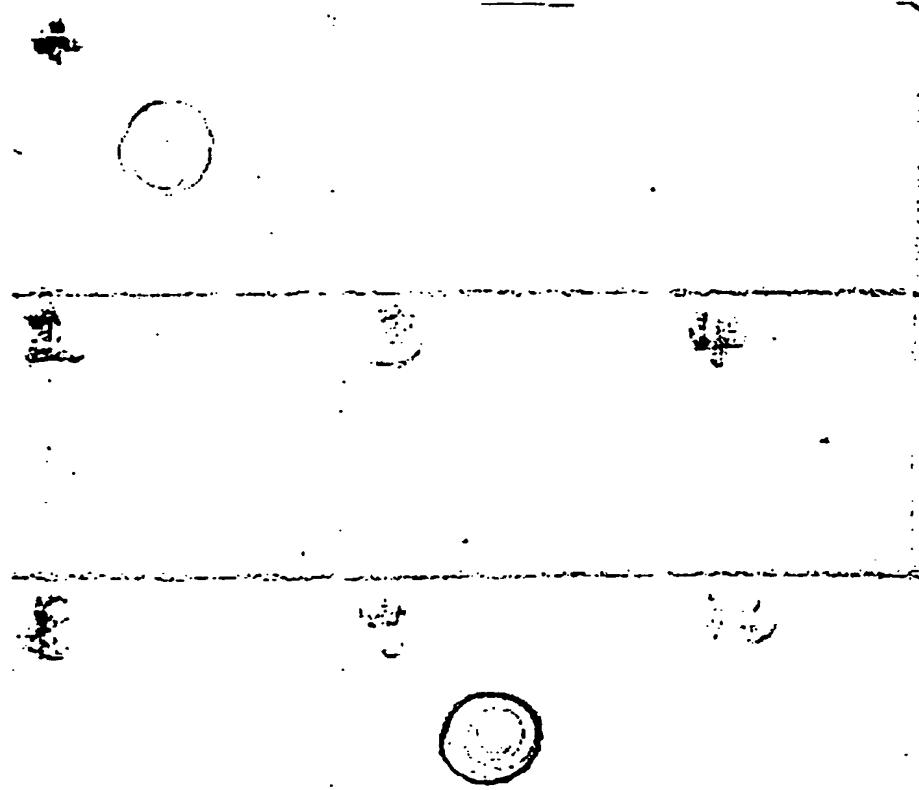
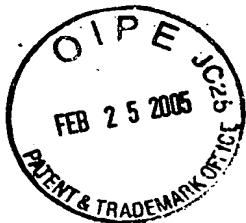


FIG.10

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Replacement Sheet  
Sheet 16 of 17  
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Dkt No. 1700.0020001/JAG/FRC; Group Unit: 1635  
Inventors: Renner et al.  
Tel. No.: 202-371-2600  
For: Inducible Alphaviral Gene Expression System

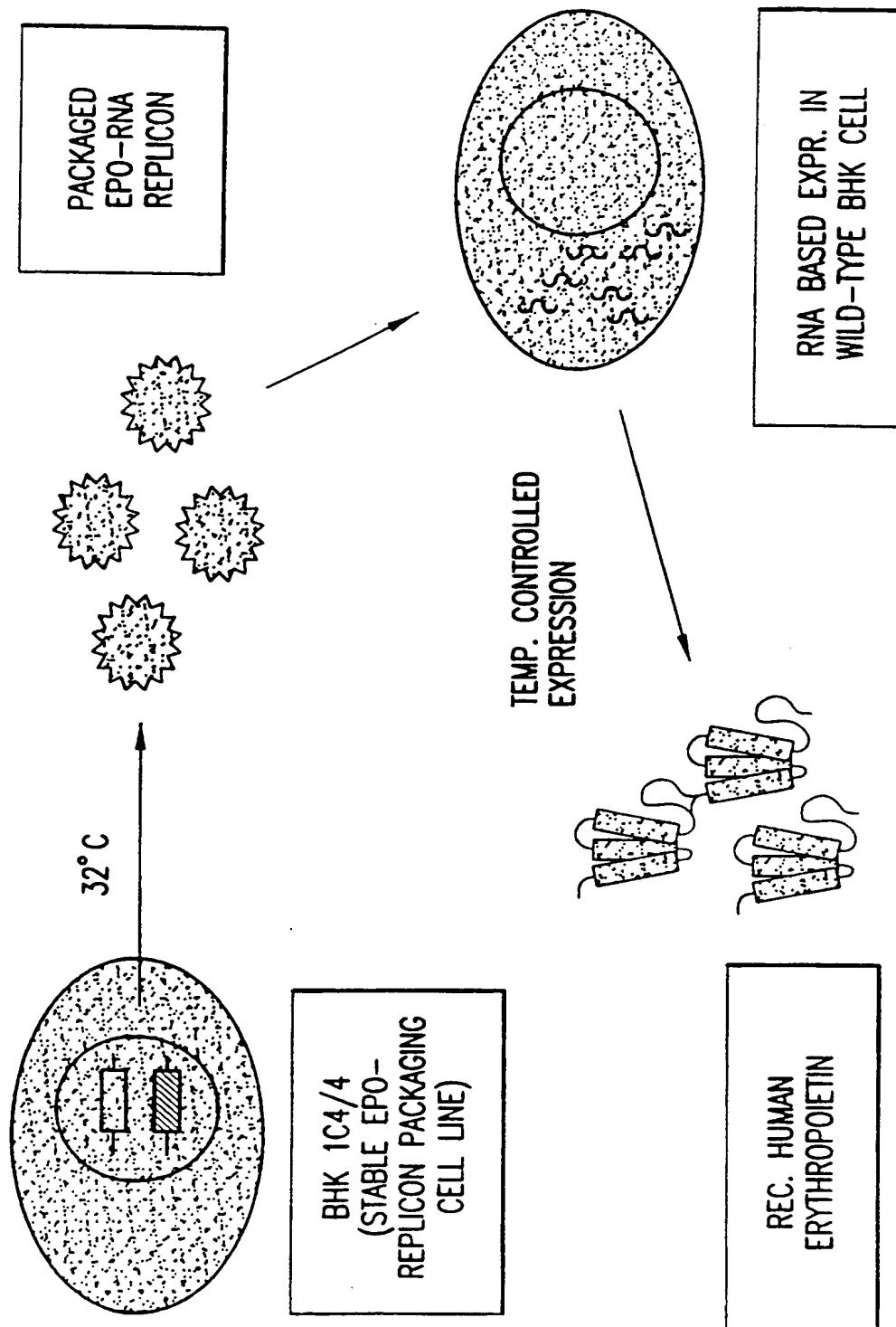


FIG. 11



Replacement Sheet  
Sheet 17 of 17  
Appl. No. 09/275,883; Filed: Mar 25, 1999  
Dkt No. 1700.0020001/JAG/FRC; Group Unit: 1635  
Inventors: Renner et al.  
Tel. No.: 202-371-2600  
For: Inducible Alphaviral Gene Expression System

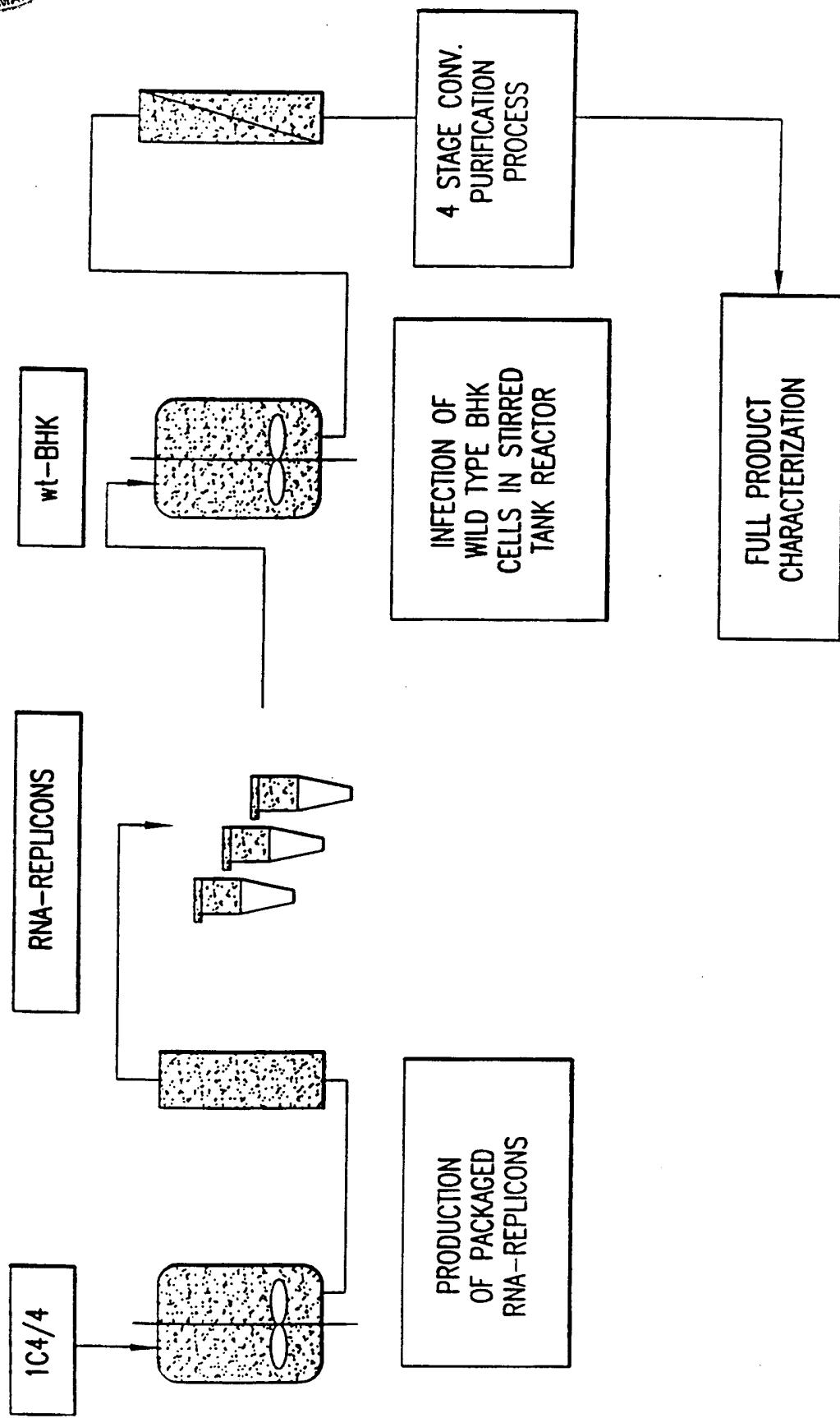


FIG. 12